

(19)



(11)

EP 2 420 788 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
04.03.2015 Bulletin 2015/10

(51) Int Cl.:
F25D 29/00 ^(2006.01) *F25D 11/02* ^(2006.01)

(43) Date of publication A2:
22.02.2012 Bulletin 2012/08

(21) Application number: **11250618.3**

(22) Date of filing: **29.06.2011**

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**
Designated Extension States:
BA ME

(30) Priority: **30.06.2010 US 827595**

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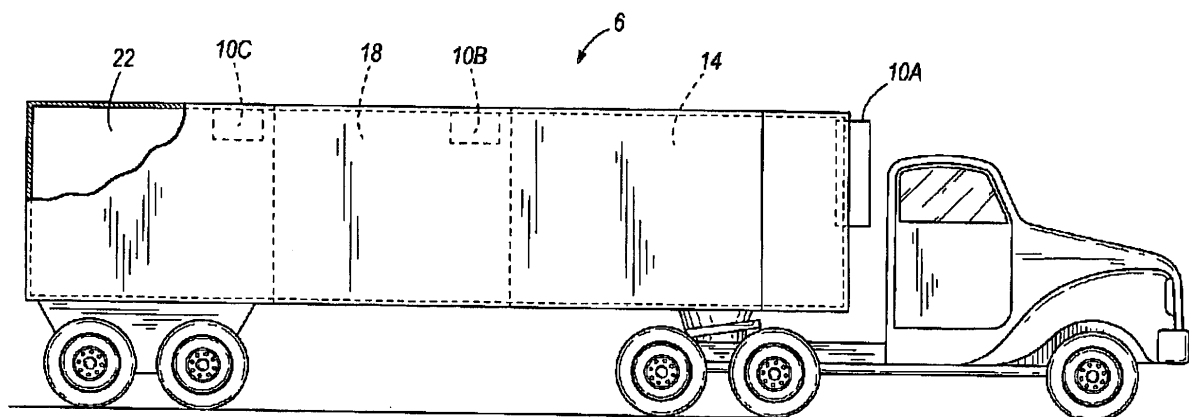
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(54) **Zone priority temperature control in a multiple zone transport refrigeration system**

(57) A multi-zone transport refrigeration system. The system includes a compressor (30), a condenser (58), a refrigerant circuit, a first temperature control zone (14) and a second temperature control zone (18). A controller is configured to identify a priority zone and a non-priority zone based upon a first magnitude of a difference between a first temperature set point and a first zone tem-

perature derived from the first air temperature sensor, and a second magnitude of a difference between the second temperature set point and a second zone temperature derived from the second air temperature sensor. A non-priority zone is isolated from the refrigerant circuit for a pre-defined period in order to maximize a refrigerant flow to the priority zone.

**FIG. 1****EP 2 420 788 A3**



EUROPEAN SEARCH REPORT

 Application Number
 EP 11 25 0618

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Place of search The Hague		Date of completion of the search 26 January 2015	Examiner Yousufi, Stefanie
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EPO FORM 1503 03.82 (P04C01)

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